

S. Stucker



RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/670,105

DATE: 03/01/2002
TIME: 10:37:11

Input Set : N:\Crf3\RULE60\09670105.txt
Output Set: N:\CRF3\02282002\I670105.raw

SEQUENCE LISTING

3 (1) GENERAL INFORMATION:

5 (i) APPLICANT: Moncany, Maurice
6 Montagnier, Luc

8 (ii) TITLE OF INVENTION: Nucleotide Sequences Derived From The
9 Genome Of Retroviruses Of The HIV-1, HIV-2 And SIV Type,
10 And Their Uses In Particular For The Amplification Of The
11 Genomes Of These Retroviruses And For The In Vitro

Diagnosis

W--> 12 Of The Diseases Due To Those Viruses

14 (iii) NUMBER OF SEQUENCES: 68

16 (iv) CORRESPONDENCE ADDRESS:

17 (A) ADDRESSEE: Finnegan, Henderson, Farabow, Garrett &
18 Dunner

19 (B) STREET: 1300 I Street, N.W., Suite 700

20 (C) CITY: Washington

21 (D) STATE: D.C.

22 (E) COUNTRY: USA

23 (F) ZIP: 20005-3315

25 (v) COMPUTER READABLE FORM:

26 (A) MEDIUM TYPE: Floppy disk

27 (B) COMPUTER: IBM PC compatible

28 (C) OPERATING SYSTEM: PC-DOS/MS-DOS

29 (D) SOFTWARE: PatentIn Release #1.0, Version #1.30

31 (vi) CURRENT APPLICATION DATA:

C--> 32 (A) APPLICATION NUMBER: US/09/670,105

C--> 33 (B) FILING DATE: 26-Sep-2000

34 (C) CLASSIFICATION:

49 (vii) PRIOR APPLICATION DATA:

38 (A) APPLICATION NUMBER: 09/092,077

39 (B) FILING DATE:

40 (A) APPLICATION NUMBER: US/08/472,928

41 (B) FILING DATE: 07-JUN-1995

42 (A) APPLICATION NUMBER: US 08/160,465

43 (B) FILING DATE: 02-DEC-1993

46 (A) APPLICATION NUMBER: FR 8912371

47 (B) FILING DATE: 20-SEP-1989

50 (A) APPLICATION NUMBER: FR 8907354

51 (B) FILING DATE: 06-FEB-1989

53 (viii) ATTORNEY/AGENT INFORMATION:

54 (A) NAME: Meyers, Kenneth J.

55 (B) REGISTRATION NUMBER: 25,146

56 (C) REFERENCE/DOCKET NUMBER: 02356.0062-02000

58 (ix) TELECOMMUNICATION INFORMATION:

ENTERED

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Input Set : N:\Crf3\RULE60\09670105.txt
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) TELEPHONE: (202)408-4000
) TELEFAX: (202)408-4400
ION FOR SEQ ID NO: 1:
UENCE CHARACTERISTICS:
) LENGTH: 18 base pairs
) TYPE: nucleic acid
) STRANDEDNESS: single
) TOPOLOGY: linear
ECULE TYPE: DNA (genomic)
UENCE DESCRIPTION: SEQ ID NO: 1:
CAGGGAC 18
ION FOR SEQ ID NO: 2:
UENCE CHARACTERISTICS:
) LENGTH: 18 base pairs
) TYPE: nucleic acid
) STRANDEDNESS: single
) TOPOLOGY: linear
ECULE TYPE: DNA (genomic)
UENCE DESCRIPTION: SEQ ID NO: 2:
CAGGGAC 18
ION FOR SEQ ID NO: 3:
UENCE CHARACTERISTICS:
 A) LENGTH: 19 base pairs
 B) TYPE: nucleic acid
 C) STRANDEDNESS: single
 D) TOPOLOGY: linear
ECULE TYPE: DNA (genomic)
UENCE DESCRIPTION: SEQ ID NO: 3:
AAAGAAAAA 19
TION FOR SEQ ID NO: 4:
UENCE CHARACTERISTICS:
 A) LENGTH: 19 base pairs
 B) TYPE: nucleic acid
 C) STRANDEDNESS: single
 D) TOPOLOGY: linear
ECULE TYPE: DNA (genomic)
UENCE DESCRIPTION: SEQ ID NO: 4:
AAAGAAAAA 19
TION FOR SEQ ID NO: 5:
UENCE CHARACTERISTICS:
 A) LENGTH: 19 base pairs
 B) TYPE: nucleic acid
 C) STRANDEDNESS: single
 D) TOPOLOGY: linear
ECULE TYPE: DNA (genomic)
UENCE DESCRIPTION: SEQ ID NO: 5:
AAAGAAAAA 19
TION FOR SEQ ID NO: 6:
UENCE CHARACTERISTICS

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150 (A) LENGTH: 20 base pairs
151 (B) TYPE: nucleic acid
152 (C) STRANDEDNESS: single
153 (D) TOPOLOGY: linear
155 (ii) MOLECULE TYPE: DNA (genomic)
160 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 6:
162 TGCCCATA CA AAATGTTTA 20
164 (2) INFORMATION FOR SEQ ID NO: 7:
166 (i) SEQUENCE CHARACTERISTICS:
167 (A) LENGTH: 20 base pairs
168 (B) TYPE: nucleic acid
169 (C) STRANDEDNESS: single
170 (D) TOPOLOGY: linear
172 (ii) MOLECULE TYPE: DNA (genomic)
177 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 7:
179 TGCCCACACT ATATGTTTA 20
181 (2) INFORMATION FOR SEQ ID NO: 8:
183 (i) SEQUENCE CHARACTERISTICS:
184 (A) LENGTH: 17 base pairs
185 (B) TYPE: nucleic acid
186 (C) STRANDEDNESS: single
187 (D) TOPOLOGY: linear
189 (ii) MOLECULE TYPE: DNA (genomic)
194 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 8:
196 TGCATGGCTG CTTGATG 17
198 (2) INFORMATION FOR SEQ ID NO: 9:
200 (i) SEQUENCE CHARACTERISTICS:
201 (A) LENGTH: 17 base pairs
202 (B) TYPE: nucleic acid
203 (C) STRANDEDNESS: single
204 (D) TOPOLOGY: linear
206 (ii) MOLECULE TYPE: DNA (genomic)
211 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 9:
213 TGCATAGCTG CCTGGTG 17
215 (2) INFORMATION FOR SEQ ID NO: 10:
217 (i) SEQUENCE CHARACTERISTICS:
218 (A) LENGTH: 20 base pairs
219 (B) TYPE: nucleic acid
220 (C) STRANDEDNESS: single
221 (D) TOPOLOGY: linear
223 (ii) MOLECULE TYPE: DNA (genomic)
228 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 10:
230 CTTTGCATGG CTGCTTGATG 20
232 (2) INFORMATION FOR SEQ ID NO: 11:
234 (i) SEQUENCE CHARACTERISTICS:
235 (A) LENGTH: 20 base pairs
236 (B) TYPE: nucleic acid
237 (C) STRANDEDNESS: single
238 (D) TOPOLOGY: linear

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| | | |
|-----|---|----|
| 240 | (ii) MOLECULE TYPE: DNA (genomic) | |
| 245 | (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 11: | |
| 247 | CTCTGCATAG CTGCCTGGTG | 20 |
| 249 | (2) INFORMATION FOR SEQ ID NO: 12: | |
| 251 | (i) SEQUENCE CHARACTERISTICS: | |
| 252 | (A) LENGTH: 20 base pairs | |
| 253 | (B) TYPE: nucleic acid | |
| 254 | (C) STRANDEDNESS: single | |
| 255 | (D) TOPOLOGY: linear | |
| 257 | (ii) MOLECULE TYPE: DNA (genomic) | |
| 262 | (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 12: | |
| 264 | CATCAAGCAG CCATGCAAAG | 20 |
| 266 | (2) INFORMATION FOR SEQ ID NO: 13: | |
| 268 | (i) SEQUENCE CHARACTERISTICS: | |
| 269 | (A) LENGTH: 20 base pairs | |
| 270 | (B) TYPE: nucleic acid | |
| 271 | (C) STRANDEDNESS: single | |
| 272 | (D) TOPOLOGY: linear | |
| 274 | (ii) MOLECULE TYPE: DNA (genomic) | |
| 277 | (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 13: | |
| 279 | CACCAGGCAG CTATGCAGAG | 20 |
| 281 | (2) INFORMATION FOR SEQ ID NO: 14: | |
| 283 | (i) SEQUENCE CHARACTERISTICS: | |
| 284 | (A) LENGTH: 19 base pairs | |
| 285 | (B) TYPE: nucleic acid | |
| 286 | (C) STRANDEDNESS: single | |
| 287 | (D) TOPOLOGY: linear | |
| 289 | (ii) MOLECULE TYPE: DNA (genomic) | |
| 294 | (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 14: | |
| 296 | AGGGCTGTTG GAAATGTGG | 19 |
| 298 | (2) INFORMATION FOR SEQ ID NO: 15: | |
| 300 | (i) SEQUENCE CHARACTERISTICS: | |
| 301 | (A) LENGTH: 19 base pairs | |
| 302 | (B) TYPE: nucleic acid | |
| 303 | (C) STRANDEDNESS: single | |
| 304 | (D) TOPOLOGY: linear | |
| 306 | (ii) MOLECULE TYPE: DNA (genomic) | |
| 311 | (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 15: | |
| 313 | AGGGCTGTTG GAAAGGTGG | 19 |
| 315 | (2) INFORMATION FOR SEQ ID NO: 16: | |
| 317 | (i) SEQUENCE CHARACTERISTICS: | |
| 318 | (A) LENGTH: 19 base pairs | |
| 319 | (B) TYPE: nucleic acid | |
| 320 | (C) STRANDEDNESS: single | |
| 321 | (D) TOPOLOGY: linear | |
| 323 | (ii) MOLECULE TYPE: DNA (genomic) | |
| 327 | (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 16: | |
| 329 | CCACATTCC AGCATCCCT | 19 |
| 331 | (2) INFORMATION FOR SEQ ID NO: 17: | |

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| | | |
|-----|---|----|
| 333 | (i) SEQUENCE CHARACTERISTICS: | |
| 334 | (A) LENGTH: 19 base pairs | |
| 335 | (B) TYPE: nucleic acid | |
| 336 | (C) STRANDEDNESS: single | |
| 337 | (D) TOPOLOGY: linear | |
| 339 | (ii) MOLECULE TYPE: DNA (genomic) | |
| 344 | (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 17: | |
| 346 | CCACATTTCC AGCAGGCCCT | 19 |
| 348 | (2) INFORMATION FOR SEQ ID NO: 18: | |
| 350 | (i) SEQUENCE CHARACTERISTICS: | |
| 351 | (A) LENGTH: 19 base pairs | |
| 352 | (B) TYPE: nucleic acid | |
| 353 | (C) STRANDEDNESS: single | |
| 354 | (D) TOPOLOGY: linear | |
| 356 | (ii) MOLECULE TYPE: DNA (genomic) | |
| 361 | (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 18: | |
| 363 | CCACATTTCC AGCACCCCT | 19 |
| 365 | (2) INFORMATION FOR SEQ ID NO: 19: | |
| 367 | (i) SEQUENCE CHARACTERISTICS: | |
| 368 | (A) LENGTH: 21 base pairs | |
| 369 | (B) TYPE: nucleic acid | |
| 370 | (C) STRANDEDNESS: single | |
| 371 | (D) TOPOLOGY: linear | |
| 373 | (ii) MOLECULE TYPE: DNA (genomic) | |
| 378 | (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 19: | |
| 380 | GATAGATGGA ACAAGCCCCA G | 21 |
| 382 | (2) INFORMATION FOR SEQ ID NO: 20: | |
| 384 | (i) SEQUENCE CHARACTERISTICS: | |
| 385 | (A) LENGTH: 22 base pairs | |
| 386 | (B) TYPE: nucleic acid | |
| 387 | (C) STRANDEDNESS: single | |
| 388 | (D) TOPOLOGY: linear | |
| 390 | (ii) MOLECULE TYPE: DNA (genomic) | |
| 395 | (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 20: | |
| 397 | TCCATTCTT GCTCTCCTCT GT | 22 |
| 399 | (2) INFORMATION FOR SEQ ID NO: 21: | |
| 401 | (i) SEQUENCE CHARACTERISTICS: | |
| 402 | (A) LENGTH: 24 base pairs | |
| 403 | (B) TYPE: nucleic acid | |
| 404 | (C) STRANDEDNESS: single | |
| 405 | (D) TOPOLOGY: linear | |
| 407 | (ii) MOLECULE TYPE: DNA (genomic) | |
| 412 | (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 21: | |
| 414 | TAAAGCCAGG AATGGATGGC CCAA | 24 |
| 416 | (2) INFORMATION FOR SEQ ID NO: 22: | |
| 418 | (i) SEQUENCE CHARACTERISTICS: | |
| 419 | (A) LENGTH: 24 base pairs | |
| 420 | (B) TYPE: nucleic acid | |
| 421 | (C) STRANDEDNESS: single | |

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/670,105

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Input Set : N:\Crf3\RULE60\09670105.txt
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L:32 M:220 C: Keyword misspelled or invalid format, [(A) APPLICATION NUMBER:]

L:33 M:220 C: Keyword misspelled or invalid format, [(B) FILING DATE:]

L:12 M:259 W: Allowed number of lines exceeded, (ii) TITLE OF INVENTION: